

**MINUTES OF THE 7th MEETING OF THE BUILDING AND WORKS COMMITTEE
HELD ON 21st JANUARY, 2020 AT INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE**

The following members were present:

- | | | |
|----------------------------|---|---------------------|
| 1. Prof. Shyam Lal Soni | - | Director & Chairman |
| 2. Prof. B. R. Gurjar | - | Member |
| 3. Dr. Mukesh Kumar Pathak | - | Member |
| 4. Mr. Ajay Sharma | - | Member |
| 5. Dr. Sanat Agrawal | - | Member |
| 6. Dr. Vikas Pratap Singh | - | Member |
| 7. Dr. Aditya Kumar Anupam | - | Member |
| 8. Shri Arjun Singh | - | Special Invitee |
| 9. Colonel Sukhpal Singh | - | Member Secretary |

The nominee of the Ministry of HRD could not attend the meeting due to some prior commitments. However, the written comments received from the Ministry of HRD, are received through email and appended with the minutes.

At the outset Member Secretary, Building and Works Committee welcomed the Chairman and all the members, and requested Chairman, Building and Works Committee to preside over the today meeting of the Building and Works Committee.

The Committee discussed the following agenda:

BWC 07.01: To confirm the minutes of the Sixth Building Works Committee.

The minutes of the Sixth Building and Works Committee are enclosed as **Annexure BWC 07.01.**

The Building and Works Committee is requested to confirm the same.

Resolution: Confirmed.

Shyam Lal Soni
21/01/2020

BWC 07.02: Action Taken Report.

The Action Taken Report is as below:

Item no.	Items	Action Taken Report
BWC 06.01	To confirm the minutes of the fifth meeting of the Building and Works Committee	Noted
BWC 06.02	Action Taken Report	Noted [§]
BWC 06.03	Construction of Pre-fabricated structure for Library, Reading Room, Computer Center, and Smart Class Room	Not Implemented [#]
BWC 06.04	Expansion of laboratory behind the Electrical Engineering Department	Not Implemented [#]
BWC 06.05	Any other item with the permission of Chairman, BWC	Noted

§ - Item BWC 05.03 Procurement and Installation of Pre-Fabricated Sewage Treatment Plant: CPPP tender closed and further action withheld due to developments stated in BWC 07.09.

- As stated in BWC 07.09, with the allotment of additional sericulture farm and Government ITI lands, the proposal was withheld.

The Building and Works Committee is requested to note the same.

Resolution: Noted.

BWC 07.03: To apprise the committee members about the recent developments with regard to the Permanent Campus of NIT Uttarakhand at Sumari village, Pauri Garhwal.

Consequent to a fatal road accident on NH-58 in front of the Temporary Campus in Srinagar (Garhwal) on 03.10.2018, in which two students of National Institute of Technology, Uttarakhand got very severe injuries, all students of NIT Uttarakhand started an indefinite strike from 04.10.2018 with various demands including shifting of Temporary Campus to any safe location so that students

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can pursue their studies safely till such time the Permanent Campus is ready. In order to resolve students demand, several efforts were made by the Institute, Uttarakhand State Government, and Ministry of HRD, Government of India.

In continuation of the above, a High Level Committee constituted by the Government of Uttarakhand vide its letter no. 1234/XLI-1/2018-37/2006 dated 14.12.2018 under the Chairmanship of Additional Chief Secretary, Technical Education visited the Sumari site for re-assessment of its suitability as NIT Uttarakhand Permanent Campus. Based on the report of the High Level Committee, Chief Minister of Uttarakhand met the then HRD Minister on 11.01.2019 to discuss land related issues of NIT Uttarakhand. One of the major conclusions of the meeting was that the Ministry of HRD agreed for re-examination of Sumari site with open mind for Permanent Campus of NIT Uttarakhand. The State of Government of Uttarakhand also conducted 'Soil investigation' and 'Topographical Survey' of the Sumari site, through independent orders (i.e. without any direct/indirect involvement of NITUK) to CPWD. The related details are enclosed as **Annexure BWC 07.02**.

Following above, Ministry of HRD at its discretion directly assigned the above task for conducting Geological/Geotechnical Survey of Sumari site to CPWD. Through email dated 25.07.2019, Ministry of HRD provided NIT Uttarakhand a soft copy of the Geological/Geotechnical Survey Report (enclosed as **Annexure BWC 07.03**). The survey was done by the experts from GSI, Dehradun.

Subsequently, with reference to letter no. F.No. 33-1/2012.TS-III dated 25.07.2019, Ministry of HRD directed NIT Uttarakhand to prepare revised DPR for 1260 students under phase-1 for its Permanent Campus at Sumari site. Work order was issued to CPWD for preparing revised DPR for 1260 students towards Phase-1 for Permanent Campus of NIT Uttarakhand at Sumari vide letter no. NITUK/ROFFICE/2019/1110 dated 29.07.2019. The letter also communicated Institute's observations on the findings of Geological/Geotechnical survey report submitted by CPWD. Based on several meetings between NIT Uttarakhand and CPWD officials during August 2019, infrastructural requirements considering 1260 students were communicated to


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CPWD for preparation of revised DPR vide letter no. NITUK/Estt./2019/CWOD/012/1308 dated 22.08.19. These were further amended on 07.09.2019 for the final time. The related documents are enclosed as **Annexure BWC 07.04**.

Further, through vide its letter no. 22(144)/CE(NZ-4)/Planning-11/1826 dated 19.09.2019, CPWD submitted revised DPR to NIT Uttarakhand amounting to Rs. 659 Crores as cost of construction. The same was submitted by the Institute vide its letter no. NITUK/Registrar/2019/1563 dated 20.09.2019 to Ministry of HRD for perusal, and further administrative & financial approvals. Based on the inputs from the Ministry, the revised DPR was updated to include recurring and capital cost. In the updated revised DPR submitted on 29.09.2019 amounting to Rs. 665.53 Crores (including budgetary provisions for furniture), only pages 8, 8a, and 8b were modified / added. The related documents are enclosed as **Annexure BWC 07.05**. The updated revised DPR submitted on 29.09.2019 was then subjected to the scrutiny of Revised Cost Committee (RCC) constituted by Ministry of HRD.

In the meanwhile, on 19.10.2019, Bhumi Pujan and Foundation Stone Laying Ceremony were held at the Sumari site. The ceremony was held in the august presence of Hon' ble Governor & Chief Minister of Uttarakhand State, and Minister of HRD, Dr. Ramesh Pokhriyal 'Nishank' alongwith many other ministers/dignitaries from the State & Central Governments. CPWD was assigned the task to organize the function.

On 06.11.2019, first Revised Cost Committee (RCC) meeting was held at MHRD under the Chairmanship of Joint Secretary & Financial Advisor (JS&FA) MHRD. As resolved in the meeting, on 11.11.2019 and 12.11.2019, Prof V. K. Paul, School of Planning and Architecture (SPA), New Delhi & Revised Cost Committee (RCC) member, along with his Associate Arch. Mr. Abhijit Rastogi visited site of Permanent Campus of NIT Uttarakhand to review site layout submitted by CPWD for cost reduction. On 20.11.2019, in 2nd Revised Cost Committee (RCC) meeting at MHRD, based on the record of Prof. V. K. Paul's visit to NIT Uttarakhand and response to the comments/observations of


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Advisor Cost, revised budget for construction of Permanent Campus (i.e. Rs. 510.61 crore) was recommended. Revised Cost Committee (RCC) also recommended for detailed topographical survey of the identified zones suitable for construction, and insisted that detailed revised DPR shall be presented to the Ministry at the earliest for further process. The final minutes of Revised Cost Committee (RCC) meetings including comments & record of Prof. V. K. Paul's visit to Sumari and comments of Advisor Cost are enclosed as **Annexure BWC 07.06**.

The Building and Works Committee is requested to deliberate the same.

Resolution: The Institute administration is advised to initiate the process for obtaining Forest and Environment Clearances. Also, the Institute administration should formally take a commitment from the state Government for provisioning of Electricity supply, Potable water supply, and internal roads construction, as announced by the Hon' ble Chief Minister of Uttarakhand state during the Bhumi Pujan and Foundation Stone Laying Ceremony held on 19.10.2019.

BWC 07.04: To approve the plinth-area projections for various infrastructure facilities to be developed in the Permanent Campus at Sumari and incorporated in the revised DPR for NIT Uttarakhand for 1260 students.

With reference to the MHRD O.M. No F.No.33-1/2012.TS-III, dated 3rd June, 2019 "Master Circular for Infrastructure Projects in Centrally Funded Institutions" enclosed as **Annexure BWC 07.07**, several one-to-one discussions with CPWD officials, and finally as resolved in the Prof V. K. Paul's visit to NIT Uttarakhand on 11.11.2019 & 12.11.2019 (enclosed as **Annexure BWC 07.06**), the plinth area projections for various infrastructural facilities to be developed in Permanent Campus of NIT Uttarakhand at Sumari for 1260 students are presented in Tables 1 and 2. Table 3 compares the proposed infrastructure projections with the MHRD norms.



Table – 1 Building-wise Proposed Plinth Area Projections:

Sr. No.	Title/Description	No. of Rooms	Unit Carpet Area (sqm)	Total Area (sqm)
A	Administrative Building			
A.1	Directorate			
	Director chamber with lounge	1	40	40
	Director PA/staff cubicals	6	8	48
	Board room for 20 persons capacity	1	30	30
	Senate hall for 40 persons capacity	1	50	50
	Deputy director chamber	1	30	30
	Deputy director PA/staff cubicals	2	8	16
	Total Carpet Area, TCA (sqm)			214
	Total Plinth Area, TPA (sqm) [= TCA x 1.4]			299.6
A.2	Registry			
	Registrar chamber	1	30	30
	Registrar PA/staff cubicals	2	8	16
	Deputy registrar cabins	2	15	30
	Deputy registrar PA/staff cubicals	4	8	32
	Assistant registrar cabins (Accounts/ Establishment/ Stores/ Hostel/ Academic/ Legal)	6	10	60
	Assistant registrar staff cubicals	36	8	288
	Security supervisor/incharge cabin	1	10	10
	Other officers cabins (CVO/PIO etc.)	6	15	90
	Dispatch office	1	10	10
	Pantry	1	20	20
	Adequate storage space for Accounts/Establishment/Stores/Hostel/Academic etc.	6	100	600
	Total Carpet Area, TCA (sqm)			1186
	Total Plinth Area, TPA (sqm) [= TCA x 1.4]			1660.4
A.3	Deans Offices			
	Deans cabins	6	15	90
	Associate deans cabins	12	10	120
	Deans office staff cubicals	12	8	96
	Total Carpet Area, TCA (sqm)			306
	Total Plinth Area, TPA (sqm) [= TCA x 1.4]			428.4
A.4	Professional Training & Placement (PTP) Cell			

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	PTP incharge office cabins	2	15	30
	PTP staff cubicals	6	8	48
	Interview/Group discussion rooms for 12 persons	5	20	100
	Pantry	1	20	20
	Total Carpet Area, TCA (sqm)			198
	Total Plinth Area, TPA (sqm) [= TCA x 1.4]			277.2
A.5	Reception Hall	1	50	50
A.6	Waiting Room	1	50	50
	Total Carpet Area, TCA (sqm)			100
	Total Plinth Area, TPA (sqm) [= TCA x 1.4]			140
B	Academic Buildings			
B.1	Departmental area (Civil , Mechanical, Electrical, Electronics, and Computer Science Engineering) - 5 Departments			
	Hod cabins	5	15	75
	Hod staff cubicals	10	8	80
	Faculty meeting room (for 20 persons)	5	30	150
	Faculty cabins (16 faculty/dept.)	80	10	800
	Cubicals for PhD scholars (30 students/dept.)	150	6	900
	Sitting space PG students (30 students/dept.)	150	2	300
	Seminar room 50 capacity	5	75	375
	Departmental library cum study area	5	10	50
	Total Carpet Area, TCA (sqm)			2730
	Total Plinth Area, TPA (sqm) [= TCA x 1.4]			3822
B.2	Departmental area (Physics, Chemistry, Mathematics, and Humanities & Social Sciences) - 4 Departments			
	Hod cabins	4	15	60
	Hod staff cubicals	8	8	64
	Faculty meeting room (for 10 persons)	4	20	80
	Faculty cabins (7 faculty/dept.)	28	10	280
	Cubicals for PhD scholars (21 students/dept.)	84	6	504
	Seminar room 50 capacity	2	75	150
	Departmental library cum study area	4	10	40
	Total Carpet Area, TCA (sqm)			1178
	Total Plinth Area, TPA (sqm) [= TCA x 1.4]			1649.2
B.3	Lecture Hall Complex (including Smart Classrooms)			
	Lecture halls of 120 seats each	4	180	720
	Lecture halls of 80 seats each	12	120	1440
	Tutorial rooms of 30 seats each	15	45	675

	Drawing halls 120 capacity	2	240	480
	Total Carpet Area, TCA (sqm)			3315
	Total Plinth Area, TPA (sqm) [= TCA x 1.4]			4641
B.4	Laboratories and Workshops			
	For Civil , Mechanical, Electrical, Electronics, and Computer Science Engineering (12 labs/dept.)	60	150	9000
	For Civil , Mechanical, Electrical - Heavy Machinery Labs/Workshops with strong floor (04 labs/dept.)	12	200	2400
	For Physics, Chemistry, Mathematics, and Humanities & Social Science (04 labs/dept.)	16	150	2400
	Each laboratory shall have sufficient storage space and non-teaching staff sitting space	-	-	-
	Centres of Excellence/Innovation/Incubation (with incharge cabins, staff cubicals and sufficient lab space)	3	300	900
	Total Carpet Area, TCA (sqm)			14700
	Total Plinth Area, TPA (sqm) [= TCA x 1.4]			20580
B.5	Central Library			
	Hall for Bookstacks	1	600	600
	Reading facility for 300 students	1	500	500
	Library administration (Asth. registrar/Office staff)	1	50	50
	Reading hall (outside library but in the same building)	1	150	150
	E-library for 100 students	1	150	150
	Server room	1	20	20
	Total Carpet Area, TCA (sqm)			1470
	Total Plinth Area, TPA (sqm) [= TCA x 1.4]			2058
B.6	Computer Centre			
	Computer hall 150 capacity	1	500	500
	High-end computing facility 50 capacity	1	200	200
	Server rooms	3	20	60
	Computer center staff offices	4	10	40
	Common facilities - printing, plotting etc..	1	50	50
	Total Carpet Area, TCA (sqm)			850
	Total Plinth Area, TPA (sqm) [= TCA x 1.4]			1190
B.7	Multipurpose hall 250 capacity	1	400	400
	Total Carpet Area, TCA (sqm)			400

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	Total Plinth Area, TPA (sqm) [= TCA x 1.4]			560
C	Residential Buildings			
C.1	Student Hostels			
	130 capacity Girls Hostel-1 (UG/PG/PhD - 1st Year)	65	15	975
	200 capacity Girls Hostel-2 (UG 2nd, 3rd Year)	100	15	1500
	130 capacity Girls Hostel-3 (UG 4th /PG 2nd/PhD)	130	8	1040
	200 capacity Boys Hostel-1 (UG 1st Year/PG)	100	15	1500
	200 capacity Boys Hostel-2 (UG 2nd / 3rd Years)	100	15	1500
	200 capacity Boys Hostel-3 (UG 2nd / 3rd Years)	100	15	1500
	100 capacity Boys Hostel-4 (UG 4th Year/PG/PhD)	100	8	800
	100 capacity Boys Hostel-5 (UG 4th Year/PG/PhD)	100	8	800
	Married accomodation for PhD scholars (1 BHK)	25	30	750
	Common dining halls with kitchen	3	450	1350
	Each Girls and Boys hostel shall have one common room with gymnasium	8	50	400
	Total Carpet Area, TCA (sqm)			12115
	Total Plinth Area, TPA (sqm) [= TCA x 1.4]			16961
C.2	Faculty and Staff Accommodation			
	Type -VI (Director's bungalow)	1	180	180
	Type - V (Professors/Registrar quarters)	20	140	2800
	Type - IV (Associate Professors/Assistant Professors/Trainee Teachers/10% Officers quarters)	95	100	9500
	Type - III (Non-teaching staff quarters)	106	60	6360
	Total Carpet Area, TCA (sqm)			18840
	Total Plinth Area, TPA (sqm) [= TCA x 1.4]			26376
C.3	Institute Guest House			
	Deluxe rooms	4	30	120
	Standard type rooms	16	18	288
	Reception/Lounge	1	30	30
	Dining hall with kitchen	1	40	40
	Total Carpet Area, TCA (sqm)			478
	Total Plinth Area, TPA (sqm) [= TCA x 1.4]			669.2
D	Common Amenities - Students/Faculty/Staff			
D.1	Student Activities Centre			
	Open air theatre (only covered stage)	1	500	500
	Indoor stadium - badminton, TT, carrom etc.	1	1000	1000

	Students council office	1	30	30
	Activity rooms - dance, music, yoga, etc.	4	50	200
	Multipurpose hall for 50 capacity	1	100	100
	NSS/NCC etc.	1	30	30
	Cafeteria+Kitchen	1	200	200
	Total Carpet Area, TCA (sqm)			2060
	Total Plinth Area, TPA (sqm) [= TCA x 1.4]			2884
D.2	Faculty and Staff Club			
	Creche for babies	1	100	100
	Community hall	1	100	100
	Indoor games - TT, carrom etc.	1	200	200
	Outdoor games/open park	-	-	-
	Activity rooms - dance, music, etc.	4	40	160
	Gymnasium	1	100	100
	Lounge	1	50	50
	Total Carpet Area, TCA (sqm)			710
	Total Plinth Area, TPA (sqm) [= TCA x 1.4]			994
D.3	Estate/Maintenance Section			
	Estate Engineers - Office	2	10	20
	Estate staff cubicals	16	8	128
	Electrical sub-stations + DG sets rooms	1	1500	1500
	Estate store rooms (Civil/Electrical)	4	50	200
	Total Carpet Area, TCA (sqm)			1848
	Total Plinth Area, TPA (sqm) [= TCA x 1.4]			2587.2
D.4	Institute Canteen			
	Students dining area	1	500	500
	Faculty/staff dining area	1	200	200
	Kitchen	1	200	200
	Total Carpet Area, TCA (sqm)			900
	Total Plinth Area, TPA (sqm) [= TCA x 1.4]			1260
D.5	Dispensary (10 Beds)	1	210	210
	Total Carpet Area, TCA (sqm)			210
	Total Plinth Area, TPA (sqm) [= TCA x 1.4]			294
D.6	Auditorium 500 capacity	1	800	800
	Total Carpet Area, TCA (sqm)			800
	Total Plinth Area, TPA (sqm) [= TCA x 1.4]			1120

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Table – 2 Summary of Proposed Infrastructure:

Sl. No.	Building Type	Total Plinth Area (sqm)
A	Administrative Building	2805.6
	A.1 Directorate	299.6
	A.2 Registry	1660.4
	A.3 Deans Offices	428.4
	A.4 Professional Training and Placement Cell	277.2
	A.5 Reception Hall	140
	A.6 Waiting Room	
B	Academic Buildings	34500.2
	B.1 Departmental Area (Civil, Mechanical, Electrical, Electronics, and Computer Science Engineering) - 5 Departments	3822
	B.2 Departmental area (Physics, Chemistry, Mathematics, and Humanities & Social Sciences) - 4 Departments	1649.2
	B.3 Lecture Hall Complex (All Smart Classrooms)	4641
	B.4 Laboratories and Workshops	20580
	B.5 Central Library	2058
	B.6 Computer Centre	1190
	B.7 Multipurpose hall 200 capacity	560
C	Residential Buildings	44006.2
	C.1 Student Hostels	16961
	C.2 Faculty and Staff Accommodation	26376
	C.3 Institute Guest House	669.2
D	Common Amenities - Students/Faculty/Staff	9139.2
	D.1 Student Activities Centre	2884
	D.2 Faculty and Staff Club	994
	D.3 Estate/Maintenance Section	2587.2
	D.4 Institute Canteen	1260
	D.5 Dispensary (10 Beds)	294
	D.6 Auditorium 500 capacity	1120
	Grand Total Plinth Area (sqm)	90451.2

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Table – 3 Infrastructure Projections Made vis-à-vis MHRD Norms:

Sl. No.	Name of Building	Projection made in Revised DPR				
		MHRD Plinth Area Norms in Sqm per Student	Student Strength	Plinth Area as per Norms (Sqm)	Actual Proposed Plinth Area (Sqm)	Sqm per Student
1	Academic/admin/library/labs/workshops	30	1260	37800	37305.8	29.61
2	Residential area-hostels+ faculty+ staff quarters	35		44100	44006.2	34.93
3	Sports facility & common facilities	10		12600	9139.2	7.25
Total		75	1260	94500	90451.2	71.79

The Building and Works Committee is requested to approve the same.

Resolution: Approved in principle.

BWC 07.05: To ratify the budgetary provisions recommended by Revised Cost Committee (RCC) towards Capital Components for the Permanent Campus of NIT Uttarakhand at Sumari.

The Second Revised Cost Committee (RCC) meeting for approval of revised DPR for the establishment of NIT Uttarakhand held on 20.11.2019 at Ministry of HRD has recommended (enclosed as **Annexure BWC 07.05**) following monetary provisions towards Capital Components for the Sumari campus of NIT Uttarakhand:

Capital Component	Amount in Crores
Civil Works	510.61 [#]
Lab Equipment	60.00
Furniture	14.00

- The total cost projected for civil works amounting to Rs. 510.61 Crores is inclusive of Rs. 0.12 Crore for lifts & Rs 9.00 crores for boundary wall, as decided by RCC

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The Building and Works Committee is requested to ratify the same.

Resolution: BWC was apprised by the Chairman that a letter is written to the Ministry of HRD for reconsidering the Revised project Cost recommended by the RCC, the same is seconded by the BWC.

BWC is of the view that G+2 structures would be more appropriate keeping in mind the seismic considerations at the site. Also, the type foundation (pile/raft) shall be appropriately decided based on the detailed geotechnical investigations and structural designing of the buildings.

BWC 07.06: To ratify the payment of Rs. 4,34,380/- towards Geological/Geotechnical survey of Sumari site in favor of Executive Engineer, CPWD, Garhwal Central Division, Srinagar (Garhwal).

Under the directions from MHRD, CPWD conducted Geological/Geotechnical survey of Sumari Site in the months of June-July 2019 and submitted survey report (enclosed as **Annexure BWC 07.03**) to the Ministry. Through email dated 25.07.2019, MHRD provided NIT Uttarakhand a soft copy of the Geological/Geotechnical survey report. Subsequently, CPWD vide its letter nos. 54(834)/A.B./G.C.D./292 dated 15.11.2019 & 54(834)/A.B./G.C.D./133 dated 24.10.2019 produced bills amounting to Rs. 4,34,476/- towards Geotechnical/Geological survey to NITUK. The final payment of Rs. 4,34,380/- (Rs. four lākhs thirty-four thousand and three hundred eighty only) is made in favor of Executive Engineer, Garhwal Central Division (GCD), Srinagar Garhwal after the approval of the Competent Authority. The related details are enclosed as **Annexure BWC 07.08**

The Building and Works Committee is requested to ratify the payment approved by Chairman, Building and Works Committee.

Resolution: Ratified



BWC 07.07: To ratify the payment of Rs. 12,48,500/- towards detailed survey and jungle cutting/clearance at Sumari site, in favor of Executive Engineer, CPWD, Garhwal Central Division, Srinagar Garhwal.

During the Prof. V. K. Paul' s visit to Sumari/NIT Uttarakhand on 11th and 12th November, 2019, three land parcels along the south, south-west road were identified that offers reasonably good site conditions for development of proposal for the campus. It was recommended that, a detailed survey of these land parcels be done to re-verify the challenges in planning and execution. Additionally, the three land parcels identified above have wild grass cover and shrubs which need to be cleared to get a correct appraisal of the site for planning purposes. It was therefore recommended that the Institute shall undertake clearing of this vegetation' s. These recommendations made during Prof. V. K. Paul' s visit were included in the final minutes of meeting of RCC held on 20.11.2019 (enclosed as **Annexure BWC 07.06**).

Following above, CPWD submitted a detailed estimate amounting to Rs. 12,48,500/- to NIT Uttarakhand for the topographical survey and jungle cutting vide its letter number D.B. 29(24)/G.C.D./293 dated 15.11.2019. Subsequently, work order was assigned to CPWD vide letter no. NITUK/AD(P&D)/2019/CPWD/2303 dated 18.12.2019 for topographical survey and jungle cutting/clearance at Sumari site in the constructible areas identified during Prof. V. K. Paul's visit. With the approval of the Competent Authority, an advance payment of Rs. 12,48,500/- (Rs. Twelve Lakhs Forty-Eight Thousand and Five Hundred Only) is made in in favor of Executive Engineer, CPWD, Garhwal Central Division Srinagar (Garhwal). The related details are enclosed as **Annexure BWC 07.09**.

The Building and Works Committee is requested to ratify the payment approved by Chairman, Building and Works Committee.

Resolution: Ratified

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BWC 07.08: To approve the cost estimate of Rs 30,84,200/- for the Bhumi Pujan and Foundation Laying Ceremony for the Permanent Campus of NITUK at Sumari site.

On 19.10.2019, Bhumi Pujan and Foundation Stone Laying Ceremony for the Permanent Campus of NIT Uttarakhand were held at the Sumari site followed by the function at GNTI ground, Srinagar Garhwal. The ceremony was held in the august presence of Hon' ble Governor & Chief Minister, Uttarakhand State, and Minister of HRD Dr. Ramesh Pokhriyal 'Nishank' alongwith many other ministers/dignitaries from the State & Central Governments. The instructions for conducting the function were received from Additional Secretary, Higher education (TE), Govt. of Uttarakhand through email dated 10.10.2019 and from MHRD through email dated 11.10.2019.

Subsequently, with reference to the letter no. NITUK/Estt./ 2019/ CWOLD/ 012/1808 dated 16.10.19, CPWD, Garhwal Central Division Srinagar (Garhwal) submitted an estimate of Rs. 25,00, 000/- for the arrangement for the ceremony at Sumari and GNTI ground Srinagar Garhwal. In addition to this, vide its letter no. 54(4)/DDH/MHD/2019-20/44 dated 17.10.19 CPWD, Mussoorie Horticulture Division submitted an estimate of Rs. 5,84,200/- for the flower decoration at both the venues related to the ceremony. As instructed by the Hon' ble Director, a negotiation meeting was held with CPWD on 27-11-2019. The payment process is still in progress. Related details are enclosed as **Annexure BWC 07.10.**

The Building and Works Committee is requested to grant the administrative approval and expenditure sanction for the cost estimate of Rs 30,84,200/- (Rs. thirty lakhs eighty-four thousand and two hundred only) as given by CPWD for arrangements regarding the Bhumi Pujan and Foundation Laying Ceremony for the Permanent Campus of NIT Uttarakhand.

Resolution: Approved.



BWC 07.09: To approve the Cost estimate submitted by CPWD for the upgradation of the Temporary Campus of NIT Uttarakhand in the additionally allotted land of Sericulture Farm and old ITI at Srinagar Garhwal.

The State Government of Uttarakhand, vide its letter nos. 74/XVI-2/19/19(04)/2015 dated 24.01.2019, 193/XLI-1/2019-37/06T.C. dated 25.01.2019, 192/XLI-1/2019-37/06T.C. dated 25.01.2019, and 07/8-LAC/(2018-19) dated 04.01.2019, with an aim to create additional facilities for NIT Uttarakhand, handed over temporarily the land of Sericulture Farm (i.e. Resham Farm) measuring 8 acres and entire left-over catastrophe inflicted land measuring 2.218-hectare (effectively about 2.75 acres) of Government ITI Srinagar Garhwal. Both the pieces of land are located in the proximity of the existing Temporary Campuses of NIT Uttarakhand at Polytechnic and old ITI documents related to the land transfer and possession are enclosed as **Annexure BWC 07.11.**

In the month of December 2018, during the period of student agitation, under the direction of the Ministry of HRD, a team of Professors from IIT Roorkee visited NIT Uttarakhand Temporary Campus at Srinagar Garhwal to assess the existing infrastructure and evaluate the need for additional facilities to be created for smooth conduct of academics and residential requirements. The team submitted its confidential report to the Ministry of HRD.

Subsequent to the confidential report of IIT Roorkee team, Ministry of HRD vide its letter no. DO F. No. 33-1/2012.TS-III dated 01.02.2019 requested IIT Roorkee to prepare Master Plan and DPR for 800 students with a view to upgrade the existing facilities at the Temporary Campus of NIT Uttarakhand at Srinagar Garhwal. In the month of February 2019, experts in Architecture and Civil Engineering from IIT Roorkee visited several times NIT Uttarakhand for planning of infrastructure and topographical survey of additionally allotted land pieces. Based on the inputs on required infrastructure from NIT Uttarakhand, IIT Roorkee prepared the required master plan & report, and submitted it to the

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Ministry of HRD in June 2019. The recommendations made in the master plan & report submitted by the IIT Roorkee was deliberated within the internal committee of NIT Uttarakhand authorities. The related documents are enclosed as **Annexure BWC 07.12**.

In the month of July 2019, NITUK vide its letter number NITUK/Estt./2019/CWOLD/013/967 dated 10.07.2019 requested CPWD to prepare the cost estimates in accordance with recommendations made in the IIT Roorkee Master Plan & Report, and internal committee of NIT Uttarakhand. Thereafter, CPWD vide its letter number 22(57)/ CE(N.Z.-IV)/1417 dated 20.07.2019 submitted a layout plan and cost estimate of Rs.78,81,01,600/- (Rs. Seventy-eight crore eighty-one lakhs and one thousand six hundred only) towards construction of non-residential and residential buildings for the upgradation of infrastructure at the Temporary Campus of NIT Uttarakhand at Srinagar Garhwal in the additionally lands. Related documents are enclosed as **Annexure BWC 07.13**.

The above cost estimate of Rs.78,81,01,600/- for upgradation of Temporary Campus is still under consideration of the Ministry of HRD and also formed part of the RCC meeting held on 20.11.2019 (enclosed as **Annexure BWC 07.06**).

Thus, in the backdrop of the above, BWC is requested the following:

- A. To approve the proposed infrastructural requirement as indicated in the table below along with other services such as STP, Solar water heating system, electric sub-station etc. as mentioned in the cost estimate submitted by CPWD.

Sl. no.	Name of Building	Location	Plinth area (in Sqm)	Remark
1.	Classrooms and laboratories	Resham farm	4100	Classrooms, laboratories
2.	Academic amenities complex	Resham farm	1000	Library, smart classrooms, computer

				center
3.	Hostels	Resham farm	7500	Girls 3000 sqm, Boys 4000 sqm area with dining, cooking, recreation, gym & toilet blocks
4.	Recreation facilities	Resham farm	2000	Canteen, dispensary, shops, multipurpose hall
5.	Administrative block	ITI	500	Establishment /Accounts /Academics /Stores etc.
Total plinth area (in sqm)			15100	

B. To approve the layout plan prepared by CPWD for temporary campus (enclosed as **Annexure BWC 07.13**).

C. Grant the administrative approval and expenditure sanction cost for the estimate of Rs.78,81,01,600/- (Rs. Seventy-eight crore eighty-one lakhs and one thousand six hundred only) for upgradation of Temporary Campus.

The Building and Works Committee is requested to approve the cost estimate submitted by CPWD.

Resolution: Approved. Vision statement of the utilization of this infrastructure and resources be prepared, so that it can be implemented after the coming up of the permanent campus.

BWC 07.10: To approve the draft Memorandum of Understating (MoU) between NIT Uttarakhand and CPWD for execution of all construction related activities.

As indicated by the Ministry of HRD, the anticipated construction activities both at Sumari site and upgradation of Temporary Campus at Srinagar Garhwal are in mostly likelihood to be carried out by the Central Public Works Department (i.e. CPWD). Therefore, to execute various construction related activities for both Temporary and Permanent Campuses of NIT Uttarakhand, a draft of

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standard Memorandum of Understanding (MoU) from CPWD, stating the terms and conditions of the contract, is enclosed as **Annexure BWC 07.14**.

The Building and Works Committee is requested to critically review and approve the draft Memorandum of Understanding (MoU).

Resolution: Withdrawn.

BWC 07.11: Any other item with the permission of Chairman, BWC.

The chairman allowed the following Table Agenda for the consideration in the meeting.

BWC 07.11(A): To ratify the payment of Rs 16,00,000/- towards painting and whitewashing of the buildings at the temporary campus of NITUK at Srinagar Garhwal, in favor of Executive Engineer, CPWD, Garhwal Central Division.

The painting and whitewashing work of the Institute buildings in its temporary campuses at Government ITI and Government Polytechnic premises in Srinagar Garhwal was carried out during the month of July-August 2018. Estimates were sought from CPWD, UPRNN and NBCC, for which only CPWD (submitted cost estimate of Rs. 24,16,000/-) and UPRNN (submitted cost estimate of Rs. 58,12,000/-) responded. Being the lowest bidder, work order for painting and whitewashing vide letter no. NITUK/Estates/2017/CPWD/867 dated 29.06.2018 was released in favor of CPWD Garhwal Central Division Srinagar (Garhwal). The administrative approval and expenditure sanction of Rs 24,16,000/- for the painting and whitewashing work was given by the Chairman, Building and Works Committee.

Subsequently, with the approval of the competent authority, based on actual expenditure and bills submitted by CPWD, final payment of Rs. 16,00,000/- (Rs. sixteen lakhs only) in two installments (i.e. an advance payment of Rs. 7,97,280/- along with work order and final payment of Rs. 8,02,720/- after satisfactory completion of the work) is made in favor of the Executive Engineer, CPWD, Garhwal Central Division Srinagar (Garhwal). Related documents are enclosed as **Annexure – BWC 07.15**.

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The Building and Works Committee is requested to ratify the payment approved by the Chairman, Building and Works Committee.


Resolution: Ratified.

BWC 07.11(B): Written comments of NIT Division in respect of 7th meeting of Building and Work Committee as communicated via email (copy attached).

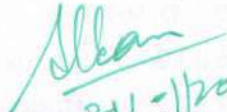
All the items mentioned in the 7th Meeting of the Building & Work Committee to be held on 21st January, 2020 are concerned with constructions, financial sanction and expenditure incurred/ project allotted for various projects in the NIT Uttarakhand. In view of the above the Institute should strictly adhere to the GFR Rules, regulations and CVC Guidelines issued from time to time. Institute shall follow all the provisions of NITSER Act, 2007 and its Statutes. Items which require to be considered by FC and to be approved by BoG shall be brought as agenda items in next FC/BoG meeting.

Resolution: Noted.

The meeting ended with vote of thanks to the Chair.


(Colonel Sukhpal Singh)
Registrar &
Member Secretary, BWC

 Approved/Not Approved


(Prof. Shyam Lal Soni)
Chairman, BWC